COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 201487/1180 (S5-A0301P-US)

As a below named inventor, I hereby declare that:

My resid	lence, post office address and	d citizenship are as stated be	elow next to my name.				
I believe names ar	re listed below) of the subject	et matter which is claimed an	me is listed below) or an original for which a patent is sought	nal, first and joint inventor (if plural ton the invention entitled: "HEIR USES			
the specif	fication of which (check only	y one item below):					
	is attached hereto.						
[]	was filed as U.S. Patent A (if applicable).	Application Serial No.	ona	nd was amended on			
[X]	was filed as PCT International Application Number PCT/JP2004/016422 on November 5, 2004 and assigned U.S. Serial No. 10/579,670.						
	state that I have reviewed and mendment referred to above.		the above-identified specifica	ations, including the claims, as amended			
	ledge the duty to disclose info Federal Regulations, § 1.56(a)		to the patentability of this app	lication in accordance with Title 37,			
any PCT i below any other than	international application(s) do application(s) for patent or i	lesignating at least one count inventor's certificate or any.	try other than the United State PCT international application	for patent or inventor's certificate or es listed below and have also identified n(s) designating at least one country late before that of the application(s) of			
PRIOR AF	PPLICATION(S) AND ANY	Y PRIORITY CLAIMS UNI	DER 35 U.S.C. 119:				
(IF F	COUNTRY PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119			
	Јарап	2003-390013	19 November 2003	[X] YES [] NO			
	:			[]YES[]NO			
				[]YES[]NO			
				[]YES[]NO			
				[]YES[]NO			
				[]YES[]NO			
			Attack	[]YES[]NO			
		A A A A A A A A A A A A A A A A A A A		[]YES[]NO			

Page 1 of 2

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 201487/1180 (S5-A0301P-US)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S. C. 120:

U.S.		STATUS (Check One)				
U.S. APPLICATION NUMBER		U.S. FILING DATE	PATENTED	TENTED PENDING	ABANDONED	
PCT API	PLICATIONS DESIGNA	TING THE U.S.				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)				
PCT/JP2004/016422	5 November 2004	10/579,670		X		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. 26774

Sei	ad Correspondence to	: 26774		Direct telephone calls to: Michael L. Goldman (585) 263-1304
	FULL NAME OF INVENTOR	FAMILY NAME HASHIMOTO	FIRST GIVEN NAME Yoshihiro	SECOND GIVEN NAME
2 0 1	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS 2-7-1, Nakamachidai, Tsuzuki-ku, Yokohama	CITY Kanagawa	STATE & ZIP CODE/COUNTRY 224-0041 Japan
	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME
2	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
0 2	POST OFFICE ADDRESS	P.O. ADDRESS c/o Tsukuba Central, National Institute of Advanced Industrial Science and Technology, 1-1-1, Higashi, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/COUNTRY 305-8561 Japan

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202
Yoshihira Hashimata	
DATE 20 October 2006	DATE

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 201487/1180 (S5-A0301P-US)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

names are	e listed below) of the subject r SOIL MIC	natter which is claimed and ROORGANISM-HOUSE	for which a patent is sought on BIOSENSORS AND TH	en the invention entitled: EIR USES					
the specif	fication of which (check only	one item below):							
[]	is attached hereto.								
[]	was filed as U.S. Patent Ap (if applicable).	oplication Serial No.	on and	d was amended on					
[X]	was filed as PCT International Application Number PCT/JP2004/016422 on November 5, 2004 and assigned U.S. Serial No. 10/579,670.								
I hereby s by any ar	state that I have reviewed and nendment referred to above.	understand the contents of t	the above-identified specificat	ions, including the claims, as amended					
I acknow Code of I	ledge the duty to disclose info Federal Regulations, § 1.56(a)	rmation which is material to	o the patentability of this appli	ication in accordance with Title 37,					
any PCT below any other than	international application(s) de	esignating at least one count	ry other than the United States PCT international applications	or patent or inventor's certificate or is listed below and have also identified (s) designating at least one country ate before that of the application(s) of					
PRIOR A	PPLICATION(S) AND ANY	PRIORITY CLAIMS UNI	DER 35 U.S.C. 119:						
	COUNTRY PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119					
	Japan	2003-390013	19 November 2003	[X] YES[] NO					
				[]YES[]NO					
				[]YES[]NO					
				[]YES[]NO					
A CONTRACTOR OF PROPERTY OF THE PROPERTY OF TH				[]YES[]NO					
				[]YES[]NO					
		A de la companya de l		[]YES[]NO					
				[]YES[]NO					

Page 1 of 2

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 201487/1180 (S5-A0301P-US)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

 								AND
	PRIOR U.S. APPLI UNDER 35 U.S.C.	ICATIONS OR PCT INT 120:	ERNATION	AL APPLICATION	S DESIG	NATINO	THE U.S. FO	R BENEFIT
U.S. APPLICATIONS					ST	ATUS (C	heck One)	
	U.S. APPLICA	TION NUMBER	U.S.	U.S. FILING DATE		NTED	PENDING	ABANDONED
	DCT AD	PLICATIONS DESIGNA	ATING THE	IIS				
А	PCT PPLICATION NO.	PCT FILING DATE		IAL NUMBERS ED (if any)				
P	CT/JP2004/016422	5 November 2004		10/579,670			X	
ther	owing customer number ewith. 26774 d Correspondence to:	ber to prosecute this appli	cation and tr	ansact all business in	n the Pate	Direct	rademark Office telephone calls el L. Goldman 63-1304	to:
	FULL NAME OF INVENTOR	TT A CITED A COUNCY		FIRST GIVEN NA Yoshihiro	ME	SECOND GIVEN NAME		NAME
2 0 1	RESIDENCE & CITIZENSHIP	CITY Kanagawa		STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZEN Japan		TIZENSHIP	
1	POST OFFICE ADDRESS	P.O. ADDRESS Maison Soleiyu B-1, 2374-1, Takakura, Fujisawa-shi		CITY Kanagawa	STATE & ZIP CODE/CO 252-0802 Japan		DE/COUNTRY	
	FULL NAME OF INVENTOR	FAMILY NAME KARUBE		FIRST GIVEN NA Isao	ME SECOND GIVEN NAME		NAME	
	RESIDENCE & CITY CITIZENSHIP Ibaraki			STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP Japan		TIZENSHIP	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Japan

CITY

Ibaraki

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	
	Que Krufe	
DATE	BATE 29th, Tune, 2006	

305-8561 Japan

STATE & ZIP CODE/COUNTRY

P.O. ADDRESS

Technology,

c/o Tsukuba Central,

National Institute of Advanced Industrial Science and

1-1-1, Higashi, Tsukuba-shi

POST OFFICE

ADDRESS

0